

**CLAIMS**

**What Is Claimed Is:**

- 5           1.       An implantable medical device comprising:  
              a parameter storage unit that is operative to store parameter  
              data corresponding to at least two operating configurations;  
              a receiver that is operative to receive communication signals  
              from an external device; and  
10           a controller that is connected to the parameter storage unit  
              and to the receiver and that controls the operation of the  
              implantable medical device according to a selected one of the  
              operating configurations, wherein the controller is responsive to  
              receipt of a reset signal by the receiver to retrieve parameter data  
15           from the parameter storage unit corresponding to another of the  
              operating configurations and to implement the parameter data to  
              change the operating configuration.
2.       The device of claim 1, wherein the parameter storage unit  
20           comprises a current state pointer for identifying a current operating  
              configuration.
3.       The device of claim 1, wherein the operating configurations  
              in the parameter storage unit are ordered such that one of the stored  
25           operating configurations is selected according to its order in the  
              parameter storage unit as the current operating configuration.
4.       The device of claim 1, wherein the receiver is configured to  
              communicate with an external programmer.

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8. The method of claim 5, wherein implementing the retrieved set of parameters comprises programming functional components of the implantable device in accordance with the parameters of the selected programming state.

9. An implantable medical device comprising:  
 means for storing a plurality of sets of parameter data  
 corresponding to respective operating configurations;  
 means for receiving communication signals from an external  
 device;  
 means for controlling the implantable medical device  
 according to a selected one of the operating configurations by  
 implementing a corresponding set of parameter data; and  
 means for changing operating configurations by  
 implementing a new set of parameter data in response to receipt of  
 a reset signal from the external device.